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SWINE CONTENTS

Water Consumption Rates for Pigs

TYPE OF PIG	CONSUMPTION (LITRES PER DAY)	MINIMUM (LITRES)
Suckling Pig		0.3
Nursery 5 – 25 kg	0.5 – 2.5	0.7
Weaner 25 – 40 kg	2.5 – 4	1.0
Grower 40 – 70 kg	4 – 7	1.3
Finisher 70 – 120 kg	7 – 9	1.5
Pregnant Sow	9 – 15	1.5
Lactating Sow	18 – 35	2.0
Nipple/Bite		1.5 – 2.0
Nose Drinker		2.5

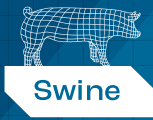
Floor Space Requirements for Pigs

AVERAGE WEIGHT OF PIGS		SPACE REQUIREMENTS	
KILOGRAMS	POUNDS	SQUARE METRES	SQUARE FEET
5	11		
6	13		
7	15	0.13	1.4
8.5	19	0.15	1.6
11	24	0.17	1.9
14.5	32	0.20	2.2
18	40	0.24	2.6
23	50	0.29	3.0
28	60	0.32	3.4
36	80	0.39	4.2
45	100	0.45	4.8
55	120	0.49	5.3
66	140	0.56	6.0
73	160	0.60	6.5
82	180	0.66	7.1
90	200	0.70	7.6
105	230	0.75	8.1
112	250	0.78	8.5



QUICK REFERENCE GUIDE

TARGETED NUTRITION
Blueprint[®]



Extruded Creep

For feeding to young piglets

Masterfeeds Blueprint[®] Extruded Creep is a highly digestible, fragrant and palatable feed specialized to stimulate intake and transition the gut in suckling piglets. It is designed to get piglets off to a quick start and reduce post weaning scours.

Who Uses:

A performance-oriented producer who is looking to feed a creep feed to their piglets while still nursing on the sow to ensure a smoother transition of the gut. This extruded ration incorporates specific ingredients proven to improve overall gut development which in turn will heighten immune function and increase digestibility.

Feeding Directions:

Masterfeeds Blueprint[®] Extruded Creep is an ideal creep feed for piglets still nursing on the sow. This feed can also be used for the first feeding in the nursery. Typical usage will range from 0.25 kg to 2.0 kg.

Feeding Tips:

Weaning young pigs into a proper environment is critical to ensure good health and performance throughout the nursery phase. Follow proper stocking density, temperature, humidity and ventilation guidelines for managing nursery pigs. Keep feed fresh in feeders and feed multiple times per day in the first 48 to 72 hours and ensure there is an adequate supply of clean fresh drinking water.

Feed Masterfeeds Blueprint[®] Extruded Creep according to the feed budget developed for your individual needs/goals (typically as a creep feed and for two days post wean).

Features & Benefits:

1. Breaks down structure of starch and protein, lowering energy cost to digest and increases surface area.
2. Decreases anti-nutritional factors in protein.
3. Destroys the cell wall of oil seeds, which improves utilization of oil.
4. Reduces the rancidity of oil components resulting in a longer shelf life.
5. Improves palatability through smell, taste and texture.
6. Improves solubility and digestibility of fibre.
7. Reduces digestive tract stress resulting in fewer scours.
8. Remains in suspension when mixed as a gruel feed.

This feed contains added Selenium at 0.3 mg/kg.

GUARANTEED ANALYSIS

Crude Protein (minimum).....	20.0%
Crude Fat (minimum)	8.0%
Crude Fibre (maximum).....	3.5%
Calcium (actual).....	0.81%
Phosphorus (actual)	0.66%
Sodium (actual)	0.3%
Copper (actual).....	30 mg/kg
Zinc (actual).....	140 mg/kg
Vitamin A (minimum)	12,900 IU/kg
Vitamin D (minimum).....	1,500 IU/kg
Vitamin E (minimum)	200 IU/kg

Net Weight 20 kg
Product #: 305160

CREEP FEED

VIGOR™ STARTER 4

FOR FEEDING TO
PIGS IN THE MID TO LATE
NURSERY PHASE

Masterfeeds Vigor™ Starter 4 is a highly digestible and palatable starter ration designed to ensure continued and fast efficient growth

WHO USES:

A producer who wants a palatable diet for optimal growth and efficiency in the nursery.

FEEDING DIRECTIONS:

Masterfeeds Vigor Starter 4 is a highly digestible and palatable starter ration designed to ensure continued and fast efficient growth. It is ideal as a starter for pigs weighing from 12 kg to 25 kg body weight. It can be fed following Vigor Starter 3 in a multi-phase starter program. Typical usage is approximately 20 kg per pig.

FEATURES & BENEFITS:

Strategic enzyme combination. Improves digestibility and nutrient absorption for better growth and efficiency.

Direct-fed microbial. Intended to promote the growth of beneficial intestinal micro flora and improve ingredient digestibility and aid in improving gut health and function.

Comprehensive vitamin and organic mineral package. Aids in promoting healthy vigorous piglets for maximum growth potential.

Acidified. Improves digestibility and promotes optimal growth.

Contains a progressive blend of fatty acids, prebiotic components and readily available mineral forms that drive feed intake while promoting better intestinal health, leading to better performance.

FEEDING TIPS:

1. A proper environment is critical to ensure good health and performance throughout the nursery phase. Follow proper stocking density, temperature, humidity and ventilation guidelines for managing nursery pigs. Keep feed fresh and ensure there is an adequate supply of clean fresh drinking water.
2. Feed Masterfeeds Vigor Starter 4 according to the feed budget developed for your individual needs/goals. Vigor Pig Starter 4 is suitable to be fed from 12.5 kg to 25 kg in a multi-phase starter program.

GUARANTEED ANALYSIS

Crude Protein (minimum).....	19.0%
Crude Fat (minimum)	4.0%
Calcium (actual).....	0.75%
Phosphorus (actual)	0.6%
Sodium (actual)	0.2%
Vitamin A (minimum)	11,000 IU/kg
Vitamin D (minimum).....	1,500 IU/kg
Vitamin E (minimum)	150 IU/kg

Net Weight 25 kg
Product #: 305217

VIGOR™
16%
HOG GROWER (PELLET)

**FOR GROWING PIGS
 FROM 50 KG TO 75 KG**

Masterfeeds Vigor™ 16% Hog Grower (pellet) contains a blend of premium grains and ingredients and is balanced to provide maximum nutrition for the growing and finishing of market swine.

FEEDING DIRECTIONS:

Feed Masterfeeds Vigor™ 16% Hog Grower continuously as the sole ration to growing pigs from 50 to 75 kg of body weight to market weight.

This feed contains added Selenium at 0.21 mg/kg.

GUARANTEED ANALYSIS

Crude Protein (minimum).....	16.0%
Crude Fat (minimum)	3.7%
Crude Fibre (maximum).....	5.2%
Calcium (actual).....	0.7%
Phosphorus (actual)	0.5%
Sodium (actual)	0.15%
Copper (actual).....	20mg/kg
Zinc (actual).....	150 mg/kg
Vitamin A (minimum)	7,100 IU/kg
Vitamin D (minimum)	1,500 IU/kg
Vitamin E (minimum)	40 IU/kg

Net Weight 25 kg
Product #: 308434

VIGOR™ 35% SOW & PIG SUPPLEMENT

FOR GROWING PIGS
FROM 50 KG TO 75 KG

SWINE SUPPLEMENT

Masterfeeds Vigor™ 35% Sow & Pig Premix provides all the protein, minerals and vitamins necessary for sows and pigs. A product to be mixed with on-farm grain for many life stages.

FEEDING DIRECTIONS:

Feed Vigor™ 35% Sow & Pig Supplement to hogs being fed for slaughter. Feed the sow ration to pregnant sows at the rate of 1.0 to 2.5 kg per 100 kg of body weight depending upon age of the animal, body condition and environmental insult. Lactating sows should be fed to appetite (a minimum of 1 kg per 100 kg of body weight plus 0.5 kg per nursing piglet should be consumed daily).

MIXING DIRECTIONS:

Vigor 35% Sow & Pig Supplement may be used to make feed for both growing hogs and for sows when mixed according to the formulas below.

Ingredient	Growing Ration	Sow Ration
35% Supplement	175	150
Wheat Bran	-	50
Wheat	100	-
Barley	715	790
Canola Oil	10	10
Total	1,000 kg	1,000 kg

This feed contains added Selenium at 1.35 mg/kg.

GUARANTEED ANALYSIS

Crude Protein (minimum).....	35.0%
Crude Fat (minimum)	2.0%
Crude Fibre (maximum).....	8.0%
Calcium (actual).....	5.5%
Phosphorus (actual)	2.0%
Magnesium (actual).....	0.3%
Sodium (actual)	1.2%
Potassium (actual)	0.8%
Iodine (actual)	5 mg/kg
Iron (actual)	1,400 mg/kg
Copper (actual).....	120 mg/kg
Manganese (actual).....	420 mg/kg
Zinc (actual).....	900 mg/kg
Cobalt (actual)	2 mg/kg
Vitamin A (minimum)	54,000 IU/kg
Vitamin D (minimum)	8,500 IU/kg
Vitamin E (minimum)	200 IU/kg

Net Weight 25 kg
Product #: 308418

VIGOR™ SOW & PIG PREMIX

FOR MIXING WITH ON-FARM
INGREDIENTS TO PRODUCE
FEED FOR SOWS & PIGS

Masterfeeds Vigor™ Sow & Pig Premix contains a balanced level of vitamins and minerals that will maximize feed nutrient value to optimize performance in breeder pigs.

FEEDING DIRECTIONS:

To make a complete pig ration, mix according to the table below. For additional feeding recommendations, contact your local Masterfeeds Account Manager.

Ingredient	Sow	Grower/ Finisher
Premix	50	40
Wheat	200	200
Barley	500	600
Soybean Meal	140	80
Canola Meal	100	69
Fat	10	11
Total	1,000 kg	1,000 kg

This feed contains added Selenium at 6.0 mg/kg.

GUARANTEED ANALYSIS

Calcium (actual).....	16.0%
Phosphorus (actual)	5.7%
Sulfur (actual)	0.2%
Sodium (actual)	4.9%
Potassium (actual)	0.26%
Iodine (actual)	80 mg/kg
Iron (actual)	5,639 mg/kg
Copper (actual)	494 mg/kg
Manganese (actual)	1,181 mg/kg
Zinc (actual)	3,040 mg/kg
Vitamin A (minimum)	250,000 IU/kg
Vitamin D (minimum)	30,000 IU/kg
Vitamin E (minimum)	1,500 IU/kg

Net Weight 25 kg
Product #: 304479

XTRA SOW/BOAR TOPDRESS

FOR THE BREEDING HERD

The reproductive nutrient requirements are far more complicated than traditional feeding programs would lead us to believe. Combine the different nutrient demands of the many phases in the reproductive cycle and the rapidly increasing genetic potential for litter size, milk production, litter growth rate and other demanding capabilities and it becomes easy to understand the needs and benefits of targeted supplementation of the breeding herd. By refining our thinking about feeding for optimum reproductive performance, we can economically and effectively take advantage of the latest discoveries in nutritional research and technology.

WHO USES:

Producers looking to supplement gilt, sow and boar nutrition by targeting the nutrient needs of the critical phases of the reproductive cycle. The Xtra topdress program is specially formulated to target the increased nutrient demands of reproducing pigs at critical points in the reproductive cycle: Breeding, Post-Breeding, Pre-Farrowing, Late Lactation Sows and Breeding Boars.

Contains Sel-Plex®.

Supports mineral retention and optimizes animal performance. Selenium promotes sow longevity and piglet viability.

Contains Yea-Sacc®.

Enhances digestibility, and utilization of nutrients as well as promoting feed intake.

Contains De-Odorase®.

De-Odorase forms part of a nutritional strategy to reduce the impact of ammonia in swine facilities.

FEEDING DIRECTIONS:

Feed 100 grams (¼ scoop) per head per day according to the phase you are targeting.

Type of Swine	Phase	Period
Sows & Gilts	Breeding	0 – 7 Days
Sows & Gilts	Post-Breeding	0 – 21 Days
Sows & Gilts	Pre-Farrowing	14 Days
Sows	Late Lactation	7 Days
Boars	Spring, Fall, Winter	Every 2 nd Day
Boars	Summer	Daily

This feed contains added Selenium at 3.75 mg/kg.

GUARANTEED ANALYSIS

Iodine (actual)	255 mg/kg
Iron (actual)	2,020 mg/kg
Copper (actual)	255 mg/kg
Manganese (actual)	430 mg/kg
Zinc (actual)	2,550 mg/kg
Vitamin A (minimum)	104,000 IU/kg
Vitamin D ₃ (minimum)	5,000 IU/kg
Vitamin E (minimum)	3,000 IU/kg
Vitamin B12 (minimum)	1,000 mcg/kg
Vitamin K (minimum)	50 mg/kg
Biotin (minimum)	13,000 mcg/kg
Riboflavin (minimum)	1,010 mcg/kg
Niacin (minimum)	620 mg/kg
Pyridoxine (minimum)	330 mg/kg
Folic Acid (minimum)	330 mg/kg

FEATURES & BENEFITS

Contains Bioplexes®.

More bioavailable and more readily adsorbed, stored and utilized by the sow. Trace minerals contribute to reproductive performance, number of piglets per litter and support piglet survivability.

**Net Weight 25 kg
Product #: 910863**

